

# INERTIAL

MAR 27-29 2018

The 5<sup>th</sup> IEEE International Symposium on  
**Inertial Sensors & Systems**

Lake Como, Italy - Grand Hotel Imperiale

## CALL FOR PAPERS

### ORGANIZERS

#### General Chair

Andrei Shkel

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#### Technical Program Chair

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### PAPER SUBMISSION

#### IMPORTANT DATES

##### Abstract Submission

» October 1<sup>st</sup>, 2017

##### Acceptance Notification

» December 1<sup>st</sup>, 2017

##### Late News Submission

» January 5<sup>th</sup>, 2018

##### Late News Acceptance Notification

» January 15<sup>th</sup>, 2018

##### Full Paper Submission Deadline

» February 1<sup>st</sup>, 2018

##### Early Registration Deadline

» February 1<sup>st</sup>, 2018

All accepted and presented papers will be available at IEEE Xplore.

Submit your 2 page abstracts by October 1st, 2017 at [2018.ieee-inertial.org](http://2018.ieee-inertial.org)



Please visit:

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This exclusive international Symposium on Inertial Sensors and Systems will be held at the Grand Hotel Imperiale in Lake Como, Italy. The event continues our annual tradition of informal single-track international meetings discussing the latest developments in the area of modern inertial sensors and emerging applications. The INERTIAL 2018 will be a four-day event with one day of tutorials, and three days of technical sessions.

#### Sensors Phenomena & Modeling

Theory, new physical principles, device-and-system-level modeling, multi-physics, deterministic/stochastic error models, predictive models

#### Sensor Systems & Electronics

Sensor arrays, multi-sensor units, inertial measurement units, sensor electronics, actuator systems, control of sensors

#### Low-cost Manufacturing

Wafer-level fabrication, new micro/nano techniques, new materials, built-in diagnostics

#### Advanced Packaging

Wafer-level, system-in-package, vacuum/differential packaging

#### Advanced Test & Evaluation

Low-cost test/evaluation, calibration of arrays, wafer-level test and evaluation

#### Aiding Technology

Hybrid systems, gravitational maps, star-trackers, vision

#### Emerging Applications

Consumer electronics, medical devices, sport and fitness, automotive, oil/gas exploration, military, aeronautical and space sensor systems

Tutorials

March 26<sup>th</sup>

Symposium

March 27-29<sup>th</sup>